## INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP02/01633

Int. c1 <sup>7</sup> CO8G12/32, CO8J3/12  According to International Patent Classification system followed by classification symbols)  Int. c1 <sup>7</sup> CO8G12/26-12/32, CO8J3/12  Documentation searched (classification system followed by classification symbols)  Int. c1 <sup>7</sup> CO8G12/26-12/32, CO8J3/12  Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1996-2002  Rokal Jitsuyo Shinan Koho 1994-2002  Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  WPI/L (DIALOG)  Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  WPI/L (DIALOG)  C. DOCUMENTS CONSIDERED TO BE RELEVANT  Category  Citation of document, with indication, where appropriate, of the relevant passages  Relevant to claim No.  A US 3846453 A (NI Inclustries, Inc.), 1-3  (Family: none)  A US 3845066 A (NI Inclustries, Inc.), 1-3  Claims 1, 3, 6, 8; full text (Family: none)  A US 3845066 A (NI Inclustries, Inc.), 1-3  Claims 1, 3, 5, 7; full text (Family: none)  A US 3845067 A (Unitiaka Ltd.), 1-3  January, 1987 (19.01.87), 1-3  Claims 1, 3, 5, 7; full text (Family: none)  A US 3845066 A (Unitiaka Ltd.), 1-3  January, 1987 (19.01.87), 1-3  Claims 1, 3, 5, 7 spage 3, lower left column, line 16  to page 4, lower left column, line 7  Further documents are listed in the continuation of Box C.  Further documents are listed in the continuation of Box C.  Further documents are listed in the continuation of the	A CTAS	CIEICATION OF CUDIFOR MATTER					
According to International Patent Classification (IPC) or to both national classification and IPC  B. FIELDS SEARCHED  Minimum documentation searched (classification system followed by classification symbols)  Int. c1' C08G12/26-12/32, C08J3/12  Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1996-2002  Kokai Jitsuyo Shinan Koho 1971-2002 Toroku Jitsuyo Shinan Toroku Koho 1996-2002  Kokai Jitsuyo Shinan Koho 1971-2002 Toroku Jitsuyo Shinan Koho 1994-2002  Electronic data base consulted during the International search (name of data base and, where practicable, search terms used)  WPI/L (DIALOG)  C. DOCUMENTS CONSIDERED TO BE RELEVANT  Category*  Clustion of document, with indication, where appropriate, of the relevant passages  Relevant to claim No. 3 84453 A (NI Industries, Inc.), 1-3  US 3846453 A (NI Industries, Inc.), 1-3  US 3845006 A (NI Industries, Inc.), 1-3  A US 3845006 A (NI Industries, Inc.), 1-3  Po October, 1974 (29.10.74), Claims 1, 3, 5, 7; full text (Family: none)  A JP 62-010126 A (Unitika Ltd.), 19 January, 1987 (19.01.87), Claims 1, 3, 19 page 3, lower left column, line 16 to page 4, lower left column, line 7  Section the designed of clied documents: a considered to involve the consideration of t	A. CLASSIFICATION OF SUBJECT MATTER Int.Cl <sup>7</sup> C08G12/32, C08J3/12						
B. FIELDS SEARCHED  Minimum documentation searched (classification system followed by classification symbols)  Int. C1? C08G12/26-12/32, C08J3/12  Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2002  Kokal Jitsuyo Shinan Koho 1971-2002 Toroku Jitsuyo Shinan Koho 1994-2002  Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  WFI/L(DTALOG)  Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  WFI/L(DTALOG)  C. DOCUMENTS CONSIDERED TO BE RELEVANT  Category*  Citation of document, with indication, where appropriate, of the relevant passages  Relevant to claim N  A US 3846453 A (NL Industries, Inc.), Claims 1, 3, 6, 8; full text (Family: none)  A US 3845006 A (NL Industries, Inc.), Claims 1, 3, 5, 7; full text (Family: none)  A JP 62-010126 A (Unitika Ltd.), 19 January, 1987 (19.01.87), Claims 1, 3; page 3, lower left column, line 16  to page 4, lower left column, line 7  Femily: none)  W Purther documents are listed in the continuation of Box C.  Special categories of clied documents:  "A" document which may throw doubts on prioticy data for other or considered to be of particular relevance  "a clied occument which may throw doubts on prioticy data for other special reason (as specified)  "C document which may throw doubts on prioticy data for other special reason (as specified)  "C document which may throw doubts on prioticy data for other special reason (as specified)  "C document which may throw doubts on prioticy data for other special reason (as specified)  "C document which may throw doubts on prioticy data for other special reason (as specified)  "C document which may throw doubts on prioticy data for other special reason (as specified)  "C document which may throw doubts on prioticy data for other special reason (as specifie	Ì						
B. FIELDS SEARCHED  Minimum documentation searched (classification system followed by classification symbols)  Int. C1 <sup>2</sup> C08G12/26-12/32, C08J3/12  Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuye Shinan Roho 1922-1996 Jitsuye Shinan Toroku Roho 1996-2002 Rokal Jitsuye Shinan Roho 1971-2002 Toroku Jitsuye Shinan Roho 1994-2002  Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  WFI/L(DTALOG)  C. DOCUMENTS CONSIDERED TO BE RELEVANT  Category*  Citation of document, with indication, where appropriate, of the relevant passages  Relevant to claim No. 1, 3, 6, 8; full text (Family: none)  A US 3846453 A (NL Industries, Inc.), 29 October, 1974 (29.10.74), Claims 1, 3, 5, 7; full text (Family: none)  A US 3845006 A (NL Industries, Inc.), 29 October, 1974 (29.10.74), Claims 1, 3, 5, 7; full text (Family: none)  A JP 62-010126 A (Unitika Ltd.), 19 January, 1987 (19.01.87), Claims 1, 3; page 3, lower left column, line 16 to page 4, lower left column, line 7  Expectation of the continuation of Box C. See patent family annex.  Special categories of cited documents: "A" document which may throw doubts on priority data and not in contilet with the application but either continuation of box continued to be of particular relevance in continued to be of particular relevance in continued to income of particular relevance; the claimed of the categories of cited documents is combined with one or more other such document is combined with one or more other such documents, such combined one of particular relevance, the claimed of the categories of a model citations or other such document of particular relevance, the claimed of the categories of cited one one of the categories of cited one one of the categories of cited one of the categories of cited one one of the categories of cited	According to International Patent Classification (IPC) or to both pational classification and IPC						
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  Jitsuyo Shinan Koho 1922–1996 Jitsuyo Shinan Toroko 1996–2002  Rokal Jitsuyo Shinan Koho 1971–2002 Toroku Jitsuyo Shinan Koho 1998–2002  Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  WPI/L (DIALOG)  C. DOCUMENTS CONSIDERED TO BE RELEVANT  Category* Citation of document, with indication, where appropriate, of the relevant passages  A US 3846453 A (NL Inclustries, Inc.),  Claims 1, 3, 6, 8; full text  (Family: none)  A US 3845006 A (NL Inclustries, Inc.),  Claims 1, 3, 5, 7; full text  (Family: none)  A JP 62-010126 A (Unitika Ltd.),  19 January, 1987 (19.01.87),  Claims 1, 3; page 3, lower left column, line 16  to page 4, lower left column, line 7  The documents are listed in the continuation of Box C.  The considered to be of particular relevance and considered to be of particular relevance an							
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C (Continua	tion). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevan	nt naces	Delene
A	JP 62-068811 A (Nippon Shokubai Kagaku Ko Ltd.), 28 March, 1987 (28.03.87), Claim 1; full text (Family: none)	,	Relevant to claim No.
A	JP 4-175351 A (Toa Gosei Kagaku Kogyo Kab Kaisha), 23 June, 1992 (23.06.92), Claim 1; page 4, lower right column, line page 5, lower right column, line 20 (Family: none)		4
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